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tary, Professor C. W. Doten, Massachusetts Institute of Technology, Boston, Mass.

*Sullivant Moss Society*.—Meets on Thursday, December 28, in the Business High School. Secretary, Mrs. Annie Morrill Smith, 78 Orange Street, Brooklyn, N. Y. Acting Secretary, W. R. Maxon, U. S. National Museum, Washington, D. C.

*Southern Society for Philosophy and Psychology*.—Meets on Friday and Saturday, December 29 and 30, in the George Washington Medical School. Joint meeting with American Psychological Association on date to be announced. Secretary, Dr. R. M. Ogden, University of Tennessee, Knoxville, Tenn.

#### SCIENTIFIC NOTES AND NEWS

It is cabled from Stockholm that the Nobel prize for chemistry has been awarded to Mme. Curie, of the University of Paris. These preliminary announcements are usually but not always correct. The Nobel prize in 1903 was awarded half to Professor Pierre Curie and Mme. Curie and half to Professor Becquerel.

THE daily papers state that Dr. J. M. T. Finney, A.B. (Princeton '84), M.D. (Harvard '89), of the surgical staff of Johns Hopkins Hospital, has been offered the presidency of Princeton University.

DR. ELMER E. BROWN, late U. S. commissioner of education, was installed as chancellor of New York University on November 9.

PROFESSOR ERNEST W. BROWN, of Yale University, has been elected an honorary fellow of Christ's College, Cambridge.

At the annual meeting of the Royal Society of Edinburgh on October 23, Sir William Turner, K.C.B., F.R.S., was elected president, and Professor J. C. Ewart, F.R.S., Dr. J. Horne, F.R.S., Dr. J. Burgess, Professor T. Hudson Beare, Professor F. O. Bower, F.R.S. and Sir Thomas R. Fraser, F.R.S., were elected vice-presidents.

THE following astronomers have been elected honorary members of the Astronomical Society of Mexico: Professor A. Abetti, Florence; Professor G. Fayet, Nice; Professor R. H. Baker, University of Missouri; Professor F. W. Dyson, Astronomer Royal of England; Professor S. A. Mitchell, of Columbia University, and Professor W. Ebell, Kiel.

DR. GEORGE BLUMER, dean of the faculty of Yale Medical School, was elected president of the Connecticut Society for Mental Hygiene, at the third annual meeting of the society, held recently in New Haven.

THE fellowship of the International School of American Archeology and Ethnology at Mexico City, has been awarded by Harvard University to George Plummer Howe, A.B. 1900, M.D. 1910, of Lawrence, Mass.

DR. WILLIS W. WAITE has resigned as city bacteriologist of Syracuse, N. Y., to become director of Dr. Hugh Crause's Clinical Laboratory, of El Paso, Texas.

PROFESSOR R. T. CRAWFORD, of the Berkeley astronomical department, University of California, is absent on leave during the academic year and is at present in Germany. During his absence Professor D. W. Morehouse, of Drake University, has been appointed instructor in astronomy.

DR. OSTEN BERGSTRAND has been appointed professor of astronomy and director of the Observatory at Upsala.

PROFESSOR W. J. HUSSEY, who left Ann Arbor in June to assume the directorship of the Observatory of the National University of La Plata, Argentina, is engaged in the reorganization of the scientific work of that institution and is prosecuting his own researches in the field of visual double stars with gratifying results. Professor Hussey retains his connection with the Observatory of the University of Michigan and is developing the plan of cooperation in astronomical work between the universities of Michigan and La Plata, announced in *SCIENCE* earlier in the year.

DR. W. A. CANNON, of the Desert Laboratory, has returned to this country after traveling sixteen months in Europe and north Africa. He visited deserts adjacent to the Nile River in Upper Egypt, and the southern part of Algeria. In the latter country he explored the region little known to botanists between Ghardaia and Ouargla, and visited Tougourt and the Oued Rirh.

WILLIAM TRAVIS HOWARD, M.D., professor of pathology, pathological anatomy and bacteriology, and Hippolyte Gruener, Ph.D., professor of chemistry in Western Reserve University, have returned from a year's leave of absence spent in Europe. For the year 1911-12, leave of absence has been granted to Olin Freeman Tower, Ph.D., Hurlbut professor of chemistry, who will spend the year abroad.

DR. THOMAS E. JONES, of the new University of Queensland, Australia, is at present in this country on a tour of inspection around the world to study the system of correspondence study at different universities.

DURING the meeting of the American Mining Congress, Chicago, October 24-28, twenty-eight geologists were in attendance. These included five representing the U. S. Geological Survey, fifteen from various State Surveys and eight from the Universities of Chicago, Northwestern, Wisconsin and Illinois. One evening was made enjoyable by a birthday dinner tendered to Dr. Eugene A. Smith, state geologist of Alabama. Dr. Smith is still vigorous at the age of 70. He has been in his present official position since 1871 and has published thirty-five or more volumes pertaining to the geology of Alabama or related subjects. His name will go down with that of LeConte and Hilgard as pioneers in science in the south. On the recent occasion toasts were offered by Dr. George Otis Smith on behalf of the U. S. Geological Survey; by Professor A. H. Purdue on behalf of the state geologists, and by Professor T. C. Chamberlin on behalf of the university group.

THE council of the Institution of Civil Engineers has made the following awards in respect of papers published in the *Proceedings* for the session 1910-11: Telford premiums to S. M. Dixon, M.A. (Birmingham), H. J. F. Gourley, B.Eng. (London), J. Holden (London), A. Rogers (Horsell), A. E. Griffin (Hong-Kong), and F. C. Lea, D.Sc. (Birmingham); and a Crampton Prize to Professor W. E. Dalby, M.A., B.Sc. (London). The Indian premium for 1911 has been awarded to C. E. Capito (Ahwaz, Persia), and the Webb prize to F. W. Bach (London).

It is stated in *Nature* that at the conclusion of the Harveian Oration, delivered by Dr. Theodore Williams at the Royal College of Physicians, on October 18, the president of the college, Sir Thomas Barlow, presented the Baly and the Bisset Hawkins gold medals. The Baly medal was awarded to Professor W. D. Halliburton, F.R.S. This medal was instituted in 1866 "in memoriam Gulielmi Baly, M.D.," and is awarded every alternate year to the person who is deemed to have most distinguished himself in the science of physiology, especially during the two years immediately preceding the award, and is not restricted to British subjects. The Bisset Hawkins medal was given to Dr. Clement Dukes. This medal was established in 1896 by Captain E. Wilmont Williams, at the suggestion of Dr. Theodore Williams, to perpetuate the memory of Dr. Bisset Hawkins. It is bestowed triennially on some duly qualified medical practitioner who is a British subject, and has during the preceding ten years done work deserving special recognition in advancing sanitary science or in promoting public health.

As Bross lecturer for this year, Professor Josiah Royce, Ph.D., of Harvard University, is giving a course of seven lectures on "The Sources of Religious Insight," at Lake Forest College from November 13 to 19.

At a meeting of the Senn Club, October 31, plans were extended for a bronze statue to the memory of Dr. Nicholas Senn, to be placed in Lincoln Park. The statue is to cost \$25,000, and the funds are to be sought by subscriptions from physicians.

At a meeting of the Academy of Sciences in Havana, on October 13, Dr. Juan Guiteras delivered an oration on the life and work of Dr. Carlos Finlay. At the conclusion of the address Dr. Santos Fernandez spoke briefly on the same theme and urged the erection of a monument to Finlay in the Havana Morro.

PROFESSOR ST. LINDECK, of the Reichsanstalt and editor of the *Zeitschrift für Instrumentenkunde*, died on October 21, aged 47 years. Dr. Lindeck was in America at the

Columbian Exhibition with von Helmholtz, and was a member of the International Conference on Electrical Units and Standards, which met in London in 1908.

THE death is announced at the age of seventy-four years of the Rev. Henry C. McCook, D.D., a leading Presbyterian clergyman of Philadelphia, known also for his popular scientific publications on entomology.

DR. ANTOINE BLATIN, former professor of physiology at the Ecole de médecine de Clermont, has died at the age of seventy-two years.

THE twentieth annual meeting of the American Psychological Association will be held in Washington on Wednesday, Thursday and Friday, December 27, 28 and 29. Hotel headquarters will be at the Ebbitt House. A symposium on the demarcation of the distinct difference between "Instinct and Intelligence" will be opened by Dr. Marshall. Professor Herrick, Professor Yerkes and Professor Judd have already completed the preparation of their contributions to this symposium. Papers on the experimental study of animal behavior will be read before a joint session with Section F of the American Association for the Advancement of Science and the society will unite with Section L for one session devoted to reports of research in educational psychology. The committee on experiments useful in teaching psychology (class and home experiments) will have some definite results of their year's work to present to the association. Plans are brewing for a program on psychology in its relations to medical education. The proposal meets with the hearty approval of such representative educators as Drs. Adolf Meyer, Donaldson and Prince. An exhibit of apparatus is being arranged.

THE American Physiological Society will hold its twenty-fourth annual meeting in Baltimore and Washington during convocation week, beginning December 26, 1911. The society will hold joint sessions in Baltimore with the American Society of Biological Chemists and with the American Society for Pharmacology and Experimental Thera-

peutics, and in Washington with Section K, of the American Association for the Advancement of Science. In Baltimore the place of meeting will be the Johns Hopkins Medical School.

THE tentative program for the sessions of Section D at the Washington meeting of the American Association for the Advancement of Science in convocation week is as follows:

Wednesday, December 27.

Miscellaneous papers.

Thursday, December 28.

Morning session. Papers on aeronautics and related topics.

Afternoon session. Address of Professor A. Lawrence Rotch, retiring vice-president of the section. Subject: "Aerial Engineering."

Friday, December 29.

Morning and afternoon sessions. Papers on highway engineering.

Saturday, December 30.

Highway inspection trips, in charge of Professor A. H. Blanchard.

Members of the American Association for the Advancement of Science expecting to contribute to the program of Section D should so advise G. W. Bissell, secretary, East Lansing, Mich., as soon as practicable and preferably not later than December 1. Blanks for titles and abstracts will be furnished by the secretary on request.

THE annual meeting of the Association of American Agricultural Colleges and Experiment Stations, will be held at Columbus, O., from November 15 to 17. Societies meeting in affiliation are the Society for the Promotion of Agricultural Science, American Society of Agronomy, American Farm Management Association and the American Society of Animal Nutrition on November 13 and 14; American Association of Farm Institute Workers, November 13 to 15, and Association of Feed Control Officials of the U. S., November 17 and 18.

MR. ANDREW CARNEGIE has turned over \$25,000,000 in first mortgage bonds of the United States Steel Corporation to the Carnegie Corporation of New York, the body which was incorporated by the legislature on June 9 of

the present year for the purpose of taking over Mr. Carnegie's work in connection with educational institutions, libraries and hero funds. The incorporators are Andrew Carnegie, Elihu Root, William N. Frew, Henry S. Pritchett, Robert S. Woodward, Charles L. Taylor, James Bertram and Robert A. Franks. Mr. Root is head of the Carnegie Peace Foundation, Mr. Frew is president of the board of trustees of the Carnegie Institution of Pittsburgh. Mr. Pritchett is president of the Carnegie Foundation. Mr. Woodward is president of the Carnegie Institution at Washington. Mr. Taylor is president of the Carnegie Hero Fund. Mr. Franks is president of the Home Trust Company. Mr. Bertram is Mr. Carnegie's secretary. The objects of the corporation are "receiving and maintaining a fund or funds and applying the income thereof to promote the advancement and diffusion of knowledge and understanding among the people of the United States, by aiding technical schools, institutions of higher learning, libraries, scientific research, hero funds, useful publications and by such other means as shall from time to time be found appropriate therefor." The incorporators have elected officers as follows: Mr. Carnegie, *president*; Senator Root, *vice-president*; Mr. Franks, *treasurer*, and Mr. Bertram, *secretary*.

#### UNIVERSITY AND EDUCATIONAL NEWS

As a result of the action of the Michigan Board of Tax Equalization, it is estimated that the University of Michigan will in the future receive \$208,000 more from the state for its maintenance than heretofore. The total valuation of property in the state has been increased by approximately \$555,000,000, and the three eighths mill tax will yield an annual income for the university of \$858,000, instead of \$650,000 as formerly.

THROUGH the death of Joseph Pulitzer the \$1,000,000 which he had given Columbia University to found a School of Journalism has been automatically released. A meeting of the advisory board named in the agreement between the university and Mr. Pulitzer will be called in a few weeks. It is understood

that if the work of the school during the first three years is regarded as satisfactory by the board, it will receive a further endowment of \$1,000,000.

At the last session of the legislature of the state of Minnesota among other appropriations for the university was one which will net \$5,000 for each of the two years before the next legislature assembles to be voted exclusively to research, not agricultural, since that is cared for otherwise. When the question of the allotment of this sum was to be met, a research committee drawn from the faculty of the graduate school was constituted for the purpose of passing upon the applications for aid in research and recommend to the president and regents what allotments they should make from this fund, as well as drawing up regulations under which the expenditures should be made.

By the will of Miss Phoebe Caroline Swords, of New York City, \$41,000 is bequeathed to St. Luke's Hospital and \$20,000 to Columbia University, of which \$10,000 is for a scholarship at the College of Physicians and Surgeons.

THE plan of a joint committee of trustees and faculty to consider the "larger questions of educational administration" has been adopted by the trustees of Trinity College.

IN an article in the issue of SCIENCE for October 27, on "The Number of Students to a Teacher in the State Colleges and Universities," by Professor C. H. Handschin, the figures for the University of Minnesota are given as 26.1. We are requested to state that Minnesota's enrolment for 1910-11 was 6,037, which includes 72 correspondence students. Omitting these, the total is 5,955 students. The total number in the faculty is 455. This includes 65 who rank as assistants, 34 of this number being clinical assistants in the department of medicine who receive no pay. In the 455, who are included in the staff of instruction, are 89 who do not receive any compensation. These are mainly in the college of medicine and surgery. Omitting these 89, the faculty numbers 366. 5,955 divided by 366 is